Appln. No. 10/564,039 Amd. dated July 1, 2008 Reply to Office Action of May 7, 2008

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:
Listing of Claims:

1. (Currently Amended) An amine compound bearing within the same molecule one or more atomic groups represented by General Formula 1, said amine compound having an absorption maximum at a wavelength of around 300 to 500 nm, a molecular absorption coefficient of 1 x 10⁴ or larger, a fluorescence maximum at a wavelength of around 500 to 650 nm, a decomposition point exceeding 400°C, and a glass transition point of 110°C or higher, said amine compound being obtainable by reacting a compound represented by General Formula 2 with a compound bearing within the same molecule an atomic group represented by General Formula 3:

General Formula 1:

General Formula 1:

wherein in General Formula 1, (i) R1 to R5 independently denote a hydrogen atom or a substituent and optionally the neighboring two of R^2 to R^5 couple each other to form a cyclic structure, including the carbon atoms to which the neighboring two substituents are linked, said substituent being a member selected from the group consisting of aliphatic hydrocarbon groups, alicyclic hydrocarbon groups, aromatic hydrocarbon groups, ether groups, ester groups, amino groups, groups, hydroxy group, carboxy group, cyano group, nitro group, and combinations thereof, with the proviso that, when the neighboring two of R2 to R5 couple each other to form a cyclic structure, including the carbon atoms to which the neighboring two substituents are linked, said substituent being a member selected from the group consisting of aliphatic hydrocarbon groups, alicyclic hydrocarbon groups, aromatic hydrocarbon groups, ether groups, ester groups, and combinations thereof; (ii) one, two or more—three coumarin residues directly or indirectly bind to the para position(s) against the nitrogen atom in the tertiary amino group; and (iii) a part or whole benzene rings, which are bound to the nitrogen atom to form the tertiary amine group, are optionally either bound with one or more substituents corresponding to those in R^1 to R^5 , or allowed to share a part of condensed polycyclic aromatic hydrocarbon groups or heterocyclic groups,

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General Formula 2:

wherein in General Formula 2, R^1 to R^5 are substituents corresponding to those in General Formula 1, and X denotes a halogen group,

General Formula 3:

wherein in General Formula 3, Y denotes either of hydrogen atom, phenyl group, and benzene ring which shares a part of a condensed polycyclic aromatic hydrocarbon or heterocyclic group.

Claims 2-6. (Canceled)